

**PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Andreas Meinke *et al.*  
  
Serial No.: 10/553,928  
  
Filed: October 20, 2005  
  
For: H PYLORI ANTIGENS

Group Art Unit: 1645  
  
Examiner: Unknown  
  
Atty. Dkt. No.: SONN:079US  
  
Confirmation No.: 5881

CERTIFICATE OF ELECTRONIC SUBMISSION

DATE OF SUBMISSION: January 18, 2007

**INFORMATION DISCLOSURE STATEMENT**

**MS AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

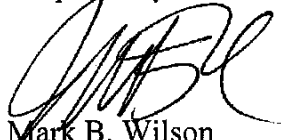
In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R. § 1.97(g), (h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. § 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit Account No.: 50-1212/SONN:079US.

Applicants respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,



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Date: January 18, 2007

Form PTO-1449 (modified)		Atty. Docket No. SONN:079US	Serial No. 10/553,928
List of Patents and Publications for Applicant's  INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)		Applicant Andreas Meinke <i>et al.</i>	
		Filing Date: October 20, 2005	Group: 1645
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 1</i>	Other Art <i>See Page 1</i>	

### U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.

### Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Language
	B1	AT A 1924/2001	12/07/01	Austria	English
	B2	DE 19742706	04/15/99	Germany	German (English Abstract)
	B3	WO 00/45839	08/10/00	WIPO	English
	B4	WO 01/24822	04/12/01	WIPO	English
	B5	WO 01/54720	08/02/01	WIPO	English
	B6	WO 01/93903	12/13/01	WIPO	English
	B7	WO 01/93905	12/13/01	WIPO	English
	B8	WO 01/98499	12/27/01	WIPO	English
	B9	WO 02/059148	08/01/02	WIPO	English
	B10	WO 02/095027	11/28/02	WIPO	English
	B11	WO 02/13857	02/21/02	WIPO	English
	B12	WO 02/32451	04/25/02	WIPO	English
	B13	WO 96/02555	02/01/96	WIPO	English
	B14	WO 97/30721	08/28/97	WIPO	German (English Abstract)
	B15	WO 99/16873	04/08/99	WIPO	German (English Abstract)
	B16	WO 99/38528	08/05/99	WIPO	German (English Abstract)

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EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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### Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	Alm <i>et al.</i> , "Genomic-sequence comparison of two unrelated isolates of the human gastric pathogen <i>Helicobacter pylori</i> ," <i>Nature</i> , 397:176-180, 1999.
	C2	Database EMBL, Database Accession Number: 024884.
	C3	Etz <i>et al.</i> , "Identification of in vivo expressed vaccine candidate antigens from <i>Staphylococcus aureus</i> ," <i>Proc. Natl. Acad. Sci. USA</i> , 99:6573-6578, 2002.
	C4	Ferrero and Labigne, "Helicobacter pylori vaccine development in the post-genomic era: can in silico translate to in vivo," <i>Scand. J. Immunol.</i> , 53:443-448, 2001.
	C5	Haas <i>et al.</i> , "Immunoproteomics of <i>Helicobacter pylori</i> infection and relation to gastric disease," <i>Proteomics</i> , 2:313-324, 2002.
	C6	Henics <i>et al.</i> , "Small-Fragment Genomic Libraries for the Display of Putative Epitopes from Clinically Significant Pathogens," <i>Biotechniques</i> , 35:196-200, 2003.
	C7	Prinz <i>et al.</i> , "Helicobacter pylori virulence factors and the host immune response: implications for therapeutic vaccination," <i>Trends Microbiol.</i> , 11:134-138, 2003.
	C8	Sabarth <i>et al.</i> , "Multiparameter selection of <i>Helicobacter pylori</i> antigens identifies two novel antigens with high protective efficacy," <i>Infect. Immun.</i> , 70:6499-6503, 2002.
	C9	Sutton, "Progress in vaccination against <i>Helicobacter pylori</i> ," <i>Vaccine</i> , 19:2286-2290, 2001.
	C10	Svennerholm, "Prospects for a mucosally-administered vaccine against <i>Helicobacter pylori</i> ," <i>Vaccine</i> , 21:347-353, 2003.
	C11	Tomb <i>et al.</i> , "The complete genome sequence of the gastric pathogen <i>Helicobacter pylori</i> ," <i>Nature</i> , 388:539-547, 1997.
	C12	Wu <i>et al.</i> , "Bifunctional phosphomannose isomerase/GDP-D-mannose pyrophosphorylase is the point of control for GDP-D-mannose biosynthesis in <i>Helicobacter pylori</i> ," <i>FEBS Letters</i> , 519:87-92, 2002.

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